

BASE STATION ANTENNAS

924-70-8.0-43F*2

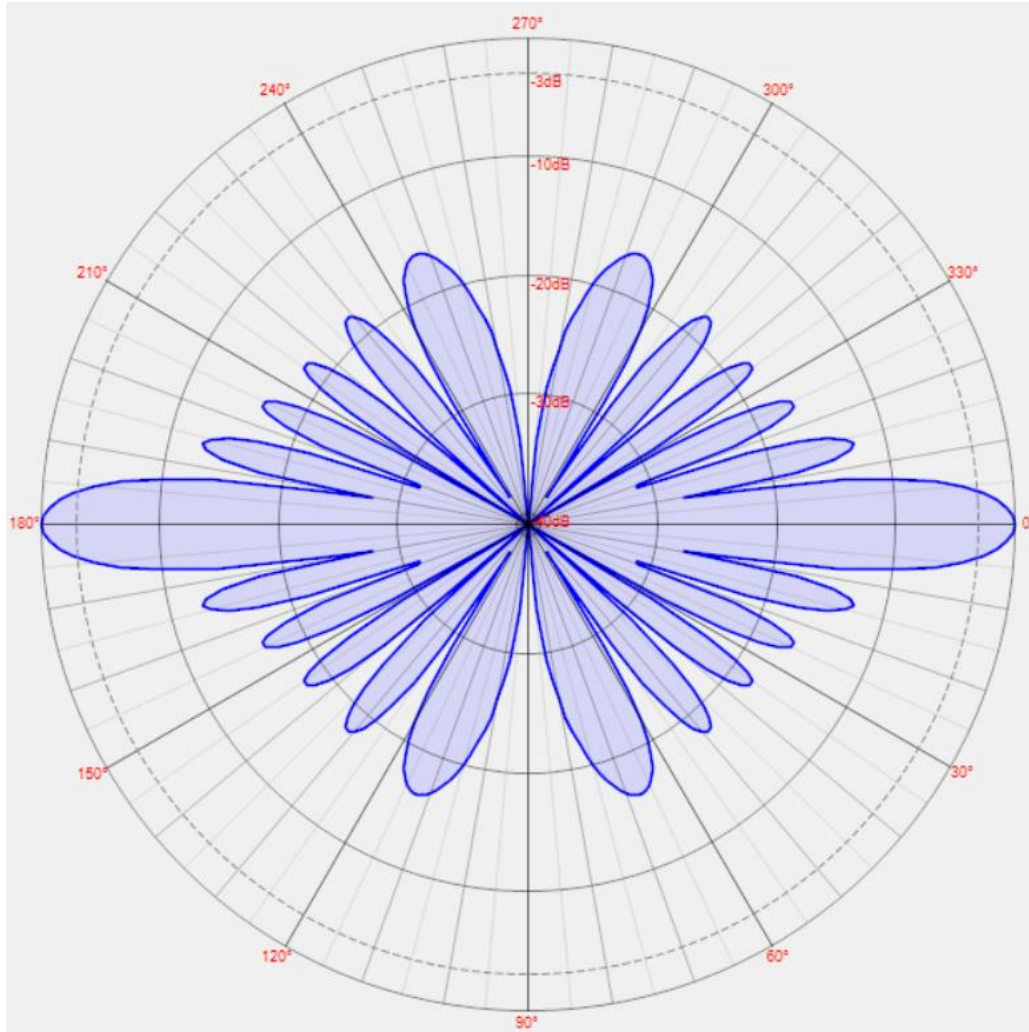
The Null Fill is optional, the Down tilt degrees available from 1 to 10 in one degree increment.

Electrical Specifications	
Frequency Range	420-450 MHz
Gain	8 dBd
VSWR (Return Loss)	<1.5:1 (14dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	9°
Horizontal Beamwidth	Omni +/- 0.25 dB
Input	4.3-10 Female
Null Fill	10%

Mechanical Specifications	
Configuration	Corporate Fed Dipole Array
Length	168"
Radome Diameter	2.5"
Weight	36 lbs
Shipping Weight	46 lbs
Shipping Dimensions	L 172" W 4" H 4"
Mounting Area	24.0" x 3.0" diam. aluminum
Suggested Clamps (not included)	112-85

Environmental Specifications	
Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	2.98 ft2 (no ice) 3.97 ft2 (with ice)
Lateral Thrust @ 100mph	119 lbs.
Wind Gust Rating	150 mph





Standard Elevation Pattern